

Date: Fri, 20 May 94 08:35:56 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #548
To: Info-Hams

Info-Hams Digest Fri, 20 May 94 Volume 94 : Issue 548

Today's Topics:

 610 Form in PostScript(r) (3 msgs)
 94 CBA for JH0BBE, Please?
 CD-ROM Buck vs. QRZ
FCC 610 "official" color ? (was: 610 Form in PostScript)
 FCC Reciprocal Permit
 FD Generator
 First QSO
 HAM RADIO RUDENESS
 Internet CW vs. FSK
 Need help With German Repeaters
 sacred frequencies
 Thanks for the replys (Code program)
 This Week on Spectrum May 21, 1994
 Units of Measure (Was: Re: sacred frequencies)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 20 May 94 11:35:21 GMT
From: agate!usenet.ins.cwru.edu!ns.mcs.kent.edu!kira.cc.uakron.edu!
malgudi.oar.net!mercury.wright.edu!desire.wright.edu!matrix.cs.wright.edu!
isoper@uchvax.berkeley.edu
Subject: 610 Form in PostScript(r)
To: info-hams@ucsd.edu

>>

>> The color of the paper is important. It cannot be white - it must be the

>> same color as the "official" Form 610.
>>
>
> Right. The author talks about having photocopied 610s on "goldenrod"
> paper and having them accepted. But, the question remains. Has
> anybody successfully used this PostScript(r) file for submission to
> the FCC? I wouldn't want to submit something and then have it not
> accepted because this wasn't an official form. There are some small
> differences. For example, the font is not an exact match for the
> official form. The OMB notation at the upper left is omitted.
>
> Oh yes, since I've gotten a lot of mail asking, I got this by FTPing
> to ftp.cs.buffalo.edu and snarfing the file from the /pub/ham-radio
> directory.
>

I have working lately with the commercial applications and have seen software available to produce the forms required. Most companies producing the software place a notice the FCC has not officially endorsed the electronic filing or reproduction of the forms. However, the Paper Reduction Act of whatever year it came out mandates a certain date by which all government agencies should accept electronic filing and the such. I work at Wright Patterson AFB where we use PerForm Pro to prepare a lot of our forms, there is a DOD agency in Arlington VA that produces these official forms but, the people to whom these forms are submitted place all kinds of silly restrictions on their use just because they do not look like the originals in some small way.

What I have observed in the government change must be made sloooooowly in order to prevent "future shock". Additionally, this could be an easy way to reduce one's work load by rejecting a paper that is not as "official looking".

73, Wes WB8CEH

Date: 20 May 94 15:22:12 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!news.cerf.net!nic.cerf.net!
margie@ucbvax.berkeley.edu
Subject: 610 Form in PostScript(r)
To: info-hams@ucsd.edu

The correct font for the 610 form is AvantGarde, but changing it also requires tweaking a few sizes and positions.

--

Message from darrel@dii.com on a guest account. KI6VY

Date: Thu, 19 May 1994 14:00:01 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!usc!elroy.jpl.nasa.gov!
lll-winken.llnl.gov!fnnews.fnal.gov!att-in!nntpa!not-for-mail@network.ucsd.edu
Subject: 610 Form in PostScript(r)
To: info-hams@ucsd.edu

Date: 20 May 94 14:34:23 GMT
From: worldbank.org!news@uunet.uu.net
Subject: 94 CBA for JH0BBE, Please?
To: info-hams@ucsd.edu

Does anyone have a '94 address for JH0BBE please?

(The card sent to the address in my '91 CB got bounced by the Japanese Mail System.)

Thanks, Darrell (NR3Y).

Date: Wed, 18 May 1994 17:28:54 GMT
From: newsflash.concordia.ca!CC.UMontreal.CA!cumin.telecom.uqam.ca!
hobbit.ireq.hydro.qc.ca!boulais.distri.hydro.qc.ca!boulaisg@uunet.uu.net
Subject: CD-ROM Buck vs. QRZ
To: info-hams@ucsd.edu

In article <2qoj5k\$69b@kaiwan.kaiwan.com> jwh@kaiwan.com (John W. Herndon) writes:

>From: jwh@kaiwan.com (John W. Herndon)

>Subject: Re: CD-ROM Buck vs. QRZ

>QRZ will have more shareware and related information files.

>Buckmaster has quite a bit more DATABASE information (US/International

>Callbook .. FM/AM/TV Commerical Freq Info)

>So it depends on what you are going to use it for. The one thing I

>didn't like about the Buckmaster was the interface for accessing the

>different databases. So it has forced me to write a no-nonsense (MANY TIMES

>FASTER/IN C/COMPILED FOR SPEED) search utility for ALL the databases they

>offer on the CDRom.

Do you know if QRZ cd-rom has an easier way access to hams' callsign, other

than being stuck to access it via ICALL ?

I've made a windows program to access calssigns on cd-rom and I'm stuck with a DOS windows just to consult ICALL return informations....

73, de VE2GYB
Guy Boulais, Iberville, Quebec

Date: 20 May 94 15:02:41 GMT
From: dog.ee.lbl.gov!agate!headwall.Stanford.EDU!ee-news!
bencze@ucbvax.berkeley.edu
Subject: FCC 610 "official" color ? (was: 610 Form in PostScript)
To: info-hams@ucsd.edu

Howdy all,

The discussion about printing .ps forms for submission to the FCC brings up a question. What is the "official" color of the new 610 forms? 10 weeks ago I picked up a xerox copy of a new 610 form from HRO which was printed on a light beige paper, not the "goldenrod" color paper of the old 610 forms.

Has anyone seen an FCC-issued new 610 form? If so, what color is it? ("old"/beige/other). I hate to think that my long awaited new callsign application was circularly-filed because the color of the paper was a bit off...

Tnx es 73, Bill KD6TOB (hope to be K06A? soon...)

--

Bill Bencze

bencze@isl.stanford.edu

Date: 20 May 94 09:15:57 GMT
From: news-mail-gateway@ucsd.edu
Subject: FCC Reciprocal Permit
To: info-hams@ucsd.edu

Hi Guillermo

You wrote;
|already have an FCC Form 610A. In one of the questions, the US mailing
|address is requested, however, I still don't have one, can I just put
|San Francisco or should I use someone else's address in that city?

No, you don't need the mailing address in th US. Just put your current

Mexican address on the form 610A. FCC will send the permit to your address in 3/4 weeks.

FCC , Gettysburg will work for the address..

Tack JE1CKA/KH0AM (past KH0/JE1CKA as reciprocal permit)

Date: Wed, 18 May 1994 18:14:33 -0400
From: dale.ksc.nasa.gov!algot.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: FD Generator
To: info-hams@ucsd.edu

In article <2r8jm3\$nr@tymix.Tymnet.COM>, flanagan@niagara.Tymnet.COM (Dick Flanagan) wrote:

> I am about to purchase a gasoline-powered AC generator for Field
> Day (and similar) uses. I went to the local Supply One (super
> hardware store) and they had Coleman, Yamaha and Makita generators.
> The price of 5KW units varied from \$500 to \$1500. Interestingly
> enough, there were no Hondas in sight, even though I've seen more
> of them in the field than just about any other kind.

Dick-

I started with a Coleman generator, which had a good reputation for quality. However, the noise was so loud, my neighbors got mad at me when I ran it! It's a good thing I bought it at a store that guaranteed satisfaction.

After that experience, I found a Honda dealer who was able to demonstrate several models. Of all I've heard, the Hondas were the quietest, as well as being the most expensive.

I ended up getting the 1000 watt portable Honda unit. It can probably handle several rigs at field day. It is about 10 dB more quiet than a lawn mower, and can easily be carried by one person. I found a small 10" McCullough chain saw that it would drive, and it will work with most electric hedge trimmers.

If you're really "power hungry", as I was when I got started, there are several higher power Honda models. You may need a truck to carry them around, though. It may take two people to lift the larger units, so you will find fewer uses for them between field days.

73, Fred, K4DII

Date: 19 May 1994 14:19:54 GMT

From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!news.umbc.edu!haven.umd.edu!cville-srv.wam.umd.edu!
ham@network.ucsd.edu

Subject: First QSO

To: info-hams@ucsd.edu

I was looking for an HF rig at the time. My first choice was an old Swan 350, with the glowing tubes and everything. The guy was a minister, and was going to throw in this monster antenna tuner, phone patch, and a few other things. He wanted \$275 for everything -but I was a bit leery of the tubes, seeing as how the radio was ALL TUBES...

So he let me borrow it (\$275 is a lot for a 16 year old, especially in 1985) for a few days and play with it. I brought it over to Gene Mertz's house (W30EP, one of the guys who gave me my Novice test), and we hooked it up to the 40 meter dipole. Tuned up the radio, went around 7.110, called CQ, and was answered by KB4SJD in Kentucky. I was shaking so badly that I was having trouble even copying the 5 wpm! But Gene was there to back me up...

After about a 15-minute QSO, we shut the radio down. Turning it back on, it wouldn't put any power out. Thinking we'd found the problem by exploration of the schematic and some simple test equipment, we went out and got a PA driver tube. It didn't do the trick. The owner was a bit upset, but realized it wasn't our fault, and that we hadn't done anything to hurt the radio.

So my first QSO was on a radio I used once, didn't buy, and never saw again. But I got a card out of it!

Scott NF3I Three filled-up logbooks, all 50 states, and 130 countries later...

--

73,

		-----		-----		The	
		\ /		Long		Original	
Scott Rosenfeld	Amateur Radio NF3I	Burtonsville, MD		Live	\$5.00		
WAC-CW/SSB	WAS	DXCC - 125 QSLed on dipoles	-----		Dipoles! Antenna!		

Date: 19 May 1994 03:49:06 GMT

From: noc.near.net!chaos.dac.neu.edu!chaos.dac!wy1z@uunet.uu.net

Subject: HAM RADIO RUDENESS

To: info-hams@ucsd.edu

In article <1994May17.172137.884@pacs.sunbelt.net> ddepew@CHM.TEC.SC.US (Dorr R.

Depew - A.R.S. N4QIX) writes:

Path: chaos.dac.neu.edu!grapevine.lcs.mit.edu!olivea!charnel.ecst.csuchico.edu!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!jobone!lynx.unm.edu!
pacs.sunbelt.net!DDEPEW@CHM.TEC.SC.US
Newsgroups: rec.radio.amateur.misc
From: ddepew@CHM.TEC.SC.US (Dorr R. Depew - A.R.S. N4QIX)
Date: 17 May 94 17:21:37 EDT
Reply-To: ddepew@CHM.TEC.SC.US
References: <1994May11.083458.812@pacs.sunbelt.net>
<2qqt3k\$bu@paperboy.gsfc.nasa.gov>, <CpnMEx.Kov@cbnewsc.cb.att.com>
<1994May16.141525.863@pacs.sunbelt.net>
<CpwzA0.3zt9@austin.ibm.com>, <rogjdCpy6yC.Gq9@netcom.com>
Organization: Chesterfield-Marlboro Tech College
Nntp-Posting-Host: default-gateway
Lines: 16

In article <rogjdCpy6yC.Gq9@netcom.com>, rogjd@netcom.com (Roger Buffington) writes:

>blood@austin.ibm.com wrote:
>
>: Ive decided to quit saving for a HF rig after following this discussion.
>
>Don't feel that way. Get the HF rig and ignore the few jerks who are
>rude on the air. There are not many of them.

>--
>
> rogjd@netcom.com
> Glendale, CA
> AB6WR
I agree! If we all got off HF, the jerks would own the bands!

Ddepew
N4QIX

Better yet, let's simply give (V/U)HF radios to everyone and say "have a good time!" Or, better yet, simply cross-band CB and all the public safety, business band, and broadcast band stuff into the ham bands in addition to handing them out. Then we can all party!

NOT!

If we want peace on the bands, we must fight for it! Otherwise, give up the spectrum, and the IARU and the FCC will reallocate it to get the money they want so badly. It's our choice.

Fight for our rights and privileges or lose it all.

It's your call.

73,
Scott

--

```
=====
| Scott Ehrlich           Amateur Radio: wy1z           AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu   BITnet: wy1z@NUHUB           AX.25: wy1z@wa1phy.ma.usa.na |
|-----|
|           Maintainer of the Boston Amateur Radio Club hamradio FTP area on           |
|           oak.oakland.edu - /pub/hamradio           |
|-----|
```

Date: 19 May 94 09:54:55 -0500
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
gatech!swrinde!elroy.jpl.nasa.gov!lll-winken.llnl.gov!noc.near.net!news.tufts.edu!
news.hnrc.tufts.edu!jerry@@
Subject: Internet CW vs. FSK
To: info-hams@ucsd.edu

In article <Cq09oK.D5p@wang.com>, dbushong@wang.com (Dave Bushong) writes:

>
> Having nothing else to do but ponder things that make you go "hmmm", I
> thought I'd pose this question to the net:
>
> Since the net has so much bandwidth, I think they should use FSK,
>
> _-__ --- ___ - _-
>
> Where a dit is "_" and dah is "-" and it's easier to type; you merely
> toggle the shift key to go between a dit and dah.

It has the particular advantage that the "_" representing dit is longer in
length than the "-" representing dah.

Date: 20 May 94 10:52:15 GMT
From: zib-berlin.de!informatik.tu-muenchen.de!neumann@uunet.uu.net
Subject: Need help With German Repeaters
To: info-hams@ucsd.edu

In article <2rhhnc\$pje@crcnis1.unl.edu> mcduffie@unlinfo.unl.edu

(Gary McDuffie Sr) writes:

>MINKC@LAKEHURST.NAVY.MIL (CHARLES MINK) writes:

>
>>The most important thing to know about European repeaters is that
>>most, if not all, require a 1750 hz tone burst for access.
>
>I'm curious. In the U.S., during the early days of repeaters, burst
>tones were used to control "which" repeater you brought up. There were
>some areas with 3-4 machines on the same frequency and you chose which
>one by which tone you used. What is the purpose of the tone burst in
>EU, when they all use the same one?

Charles is right. Almost every repeater in Germany has to be opened by transmitting the 1750 Hz tone. If there are two or more repeaters in an area, then they are using different frequencies.

If you like to know details on repeater locations and frequencies just ask.

Chris
DL1MHK

Date: 18 May 1994 22:55:28 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!math.ohio-state.edu!
hobbes.physics.uiowa.edu!newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!crcnis1.unl.edu!
unlinfo.unl.edu!@ihnp4.ucsd.edu
Subject: sacred frequencies
To: info-hams@ucsd.edu

Erich Franz Stocker <stocker@spsosun.gsfc.nasa.gov> writes:

>In article <xWwu9JN.edellers@delphi.com> Ed Ellers, edellers@delphi.com
>writes:

repetitive stuff deleted:

>Actually your argument doesn't wash either. Everything we do has labels
>assigned to it and we use those labels to understand the concept. This
>is a "plebian" version of Plato's "world of the ideas". Cycle has no
>more meaning by itself than Hertz does. What is an Ohm! An ampere! An
>Henry!

WRONG! You chose a very poor word to pick on. Look up CYCLE. It means to change back and forth. Hmm...funny how that describes what a sine wave (or other waveform having frequency content) does.

I would agree with the other words you brought up, except that they describe something that doesn't already have a definition, unlike

cycles per second.

>If someone can't learn a definition as basic as Hertz perhaps they ought
>to get a different hobby.

Someone already covered that one quite eloquently.

Gary

Date: 18 May 94 10:15:43 EDT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!
darwin.sura.net!RBSE.Mountain.Net!wvnmvs!marshall.wvnet.edu!
haddox1@network.ucsd.edu
Subject: Thanks for the replys (Code program)
To: info-hams@ucsd.edu

Hey thanks for all the reply's I got Super Morse and now am on my way.
thanks again. Once I have enough knowhow I can reply I'm sure I will.

--
Cliff Haddox "Norm" Haddox1@muvm6.mu.wvnet.edu

Date: Wed, 18 May 1994 23:09:45 -0500
From: ihnp4.ucsd.edu!munari.oz.au!yarrina.connect.com.au!
harbinger.cc.monash.edu.au!yeshua.marcam.com!news.kei.com!ddsw1!mcs.com!
johnboy@network.ucsd.edu
Subject: This Week on Spectrum May 21, 1994
To: info-hams@ucsd.edu

>
>On Saturday June 4'th we will take a look at Digital Audio Broadcasting
>or DAB. This high-tech system of broadcasting is in the wings and
>should be here near the end of the century. A few systems have been
>proposed for dab and a standard hasn't been decided as of yet. Our
>guest will be Ted Schober. Ted has been on the leading edge in the
>world of DAB and will give us a look into the radio of the future.

>--

>Spectrum airs live Sunday at 0200 UTC (2200 EDT Saturday) on:

> WWCN, 5810 KHz, Nashville, TN (World Wide)
> WFI, 1460 AM, Florance, NJ (Philadelphia Area)
> KHNC, 1360 AM, Johnstown, CO (Denver Area)
> Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)
>

Actually, only the USA has not yet adopted the system accepted worldwide as the standard for DAB. (Mostly because of intense lobbying by commercial AM and FM broadcasters who see it as new competition in an already competitive market.)

Trials of DAB has already begun in the highly populated Windsor - Quebec City corridor in Canada, and elsewhere around the world.

Date: 20 May 94 13:40:58 GMT
From: news-mail-gateway@ucsd.edu
Subject: Units of Measure (Was: Re: sacred frequencies)
To: info-hams@ucsd.edu

> cardboard toilet-paper tubes. My rigs reflect simplicity. So does 'kc'
> (fewer keystrokes).

When did the electronics pros and academia have the battle over "Hertz" vs "Cycles per second"? the late 1960s? (that seems right - i don't have access to the IEEE publications of that era right now and it seems like it settled out around that time [Siemens for "mho" also has occurred as well..])

Everyone in the pro electronics (and other engineering worlds) uses Hertz as a unit of measure of frequency. IF there are still extant any official documents that use cycle per second as a frequency measurement, it's because it's not been worked on in the last 25-35 years or it's an old copy.

But in Amateur Radio, by crackies, we're going to stick with the old jargon because that's the way I learned it 50 years ago. And we all know that radio development halted when the first amateur license appeared - only amateur radio can be the starting point of a new technology.

It's this kind of nonsense that causes many professionals in the electronics world to stay quiet about their amateur radio license - they're embarrassed to be associated with people that refuse to even learn the jargon basic to the science that makes the whole thing possible in the first place.

Maybe we should see if the Society for Creative Anachronism (the knights in shining armor and damsels in distress folks) wants to start an alchemists branch where we can keep alive the techniques and jargon from the start of radio time. Spark and arc transmitter demos on Saturday just before the jousting tournament...

There is something to be said for doing it with toilet paper rolls and bailing wire, but that's like keeping your Duesenburg or Stutz running and then trying to race with Indy cars.

bill wb9ivr
rockwell avionics/collins

(isn't c/s short for coulombs/second or an Ampere?)

Date: (null)

From: (null)

Right. The author talks about having photocopied 610s on "goldenrod" paper and having them accepted. But, the question remains. Has anybody successfully used this PostScript(r) file for submission to the FCC? I wouldn't want to submit something and then have it not accepted because this wasn't an official form. There are some small differences. For example, the font is not an exact match for the official form. The OMB notation at the upper left is omitted.

Oh yes, since I've gotten a lot of mail asking, I got this by FTPing to ftp.cs.buffalo.edu and snarfing the file from the /pub/ham-radio directory.

73,
K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

Date: Thu, 19 May 1994 22:58:20 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <2ras1j\$n4@paperboy.gsfc.nasa.gov>, <Cq1LMx.DD4@news.Hawaii.Edu>,
<2rfp8d\$qcg@news.iastate.edu>
Subject : Re: sacred frequencies

In article <2rfp8d\$qcg@news.iastate.edu> wjturner@iastate.edu (Weuchsowagan) writes:

>

>Fine. Reflect simplicity. However, if you want your speaking and
>writing to reflect simplicity of understanding, namely by people who do
>not know your conventions, you should use kc/s or KHz as they are what
>you are actually trying to say. Saying what you mean is always a much
>better policy than expecting others to figure it out for themselves.

Will, it's a very good thing your weren't licensed prior to the usage of kHz or MHz (when all the literature used kc and Mc) - you'd have had lots of ulcers and extremely high blood pressure.

Ask Erich to get you a few of Ed's prunes.

.73,
Jeff NH6IL

End of Info-Hams Digest V94 #548
